

Clean Set of Amended Claims

1. (Twice Amended) A network management system, comprising:
 - a management system kernel that provides management systems with a run-time environment; and
 - a managed object generation environment that provides a development environment for managing applications, wherein the management system kernel can at least one of dynamically add and dynamically modify managed object (MO) information based upon an external meta file (EMM) from the managed object generation environment without interrupting an operation of the network management system.

8. (Twice Amended) A network management method comprising:
 - (a) storing a dynamic class loading routine in a management system kernel;
 - (b) initializing a managed system by constructing a managed object framework of the management system kernel that contains information of managed object (MO) classes;
 - (c) creating MO instances and registering the MO instances in a containment tree of the management system kernel according to the information of MO classes;
 - (d) checking whether a dynamic class loading flag is on when receiving a management operation request from a management system; and
 - (e) updating MO information on the management system kernel without interrupting an operation of the management system by,

waiting for all threads to complete execution,
loading a dynamic library to the managed object framework utilizing
the dynamic class loading routine when the dynamic class loading flag is on, and
resetting the dynamic class loading flag to off.

15. (Amended) A network management method, comprising:
storing a dynamic class loading routine in a management system kernel of the
managed system;
updating the management system kernel by modifying managed object (MO)
information in the management system kernel while the managed system is operating by utilizing
the dynamic class loading routine; and
generating the MO information to be modified and generating a external meta file
(EMM) in a managed object generation environment of the managed system wherein the
dynamic class loading routine opens the EMM file to modify the MO information in the
management system kernel.